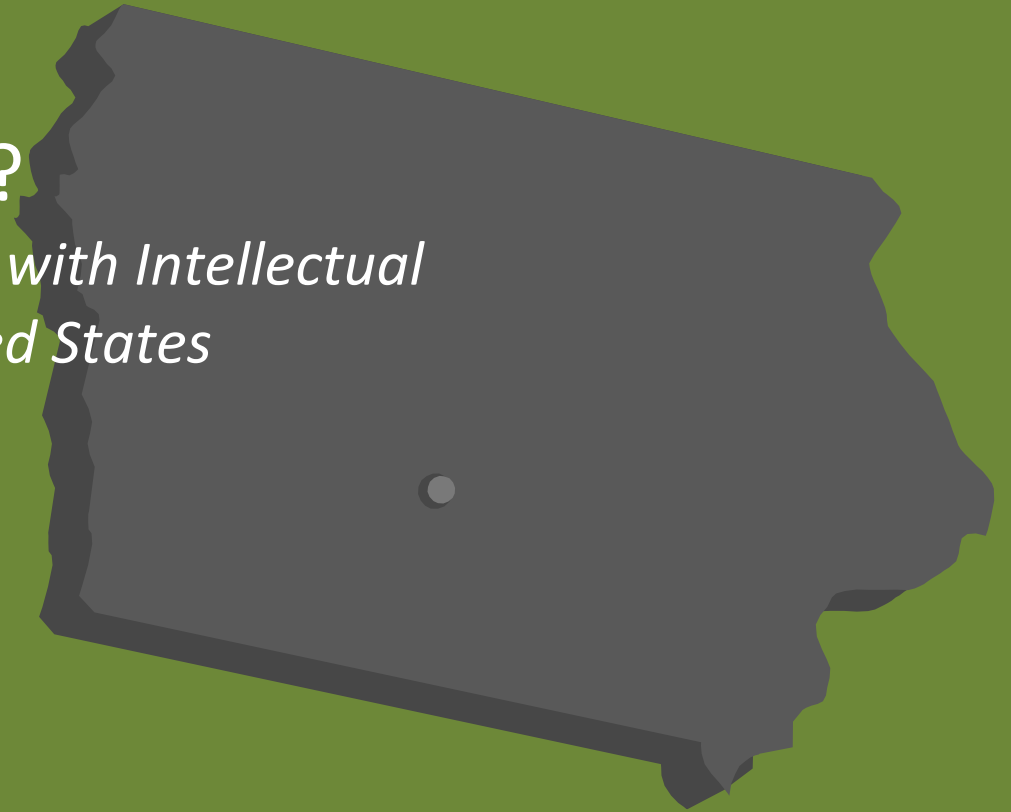


Data Report:

Where Does Iowa Stand?

Trends in Services for Individuals with Intellectual Disabilities in Iowa and the United States



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*Trends in Services for Individuals with Intellectual Disabilities
in Iowa and the United States*

August 23, 2011

Prepared For:
The Technical Assistance Collaborative
Intellectual Disability Redesign Workgroup

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INTRODUCTION

The Human Services Research Institute (HSRI) is working under subcontract to the Technical Assistance Collaborative (TAC) to assist the state of Iowa to develop recommendations to redesign the system for individuals with developmental disabilities. This Data Report provides the Redesign Work Group with information that places the Iowa ID service system in a national context with respect to utilization and expenditures.

DATA SOURCES

Data presented in this report shows trends within the state and national averages from 2000-2009. Historical trends were developed using the following sources.

- **University of Minnesota's Research and Training Center on Community Living (RTCCL)**

Base trends were developed by data collected by the University of Minnesota's Research and Training Center on Community Living (RTCCL). Each year RTCCL researchers conduct an in-depth survey to compile both nationwide and state-by-state data concerning residential and other related services for people with developmental disabilities. The RTCCL data contained here is from the Center's most recent report:

K. Charlie Lakin, Sheryl Larson, Pat Salmi & Naomi Scott (Eds.) (2009), as well as past publications. *Residential Services for Persons with Developmental Disabilities: Status and Trends Through 2009. Minneapolis: University of Minnesota, Research and Training Center on Community Living, Institute on Community Integration.* (Cited in this report as Lakin et al., 2010).

Information from past publications from this same source were also utilized.

- **Missouri Economic Research and Information Center (MERIC)**

Data and information was collected from MERIC pertaining to Cost of Living information.

- **US Census Bureau**

Additional data and information was collected the US Census Bureau pertaining to additional demographic information.

WHAT FOLLOWS

What follows are the analyses for national and state specific trends related to services for individuals with intellectual disabilities. The analysis reviews trends related to (a) utilization of Medicaid-funded services, (b) utilization of living situations for individuals with developmental disabilities, and (c) Medicaid-financing of services for individuals with intellectual disabilities.

In each chart, data and/or trends are presented for both Iowa and the United States average or Iowa and a selection of comparison states (comparison states listed below). In some cases, data is not graphed, but presented in a data table. Additional information is located below the charts with text descriptions titled 'In Focus'

Comparison States

In all cases in this report, Iowa is compared to the national average for service utilization and expenditure data. In some instances, Iowa is compared to a select group on comparison states. The comparison states were selected using two criteria. First, states that are in the same Medicaid region (Region 7) as Iowa were used. Second, states with similar 2009 state populations were used. These states include any with populations between 3-4 million people. Iowa's 2009 population was 307,007,000.

The comparison states by grouping are shown below:

CMS Region 7		States with Population Between 3-4 million	
Missouri	5,987,580	Connecticut	3,518,288
Kansas	2,818,747	Oklahoma	3,687,657
Nebraska	1,769,619	Oregon	3,825,657

Demographic/Additional Information

For both the United States average and Iowa average, population, and average personal income are presented in 2009 numbers, the cost of living index data is presented in 2010 data.

	Iowa	United States
2009 Population ¹	307,007,856	307,006,550
2010 Cost of Living Index ²	93.2	100
2009 Average Household Income ³	\$50,337	\$ 49,945

In 2010, Iowa's Cost of Living Index was 6.8% below the national average and the average household income was 0.7% higher. In 2010, states with similar cost of living indices were: Alabama (93.1), Indiana (93.7), and Ohio (93.7).

Iowa Service Categories

During Fiscal Year 2009, Iowa provided services to individuals with intellectual disabilities (ID) through two primary federal funding sources, Home and Community Based Services (HCBS) waivers and Intermediate Care Facilities for the Mentally Retarded (ICF/MR).

The table below illustrates the outlay of recipients by each of these service categories as reported to the University of Minnesota:

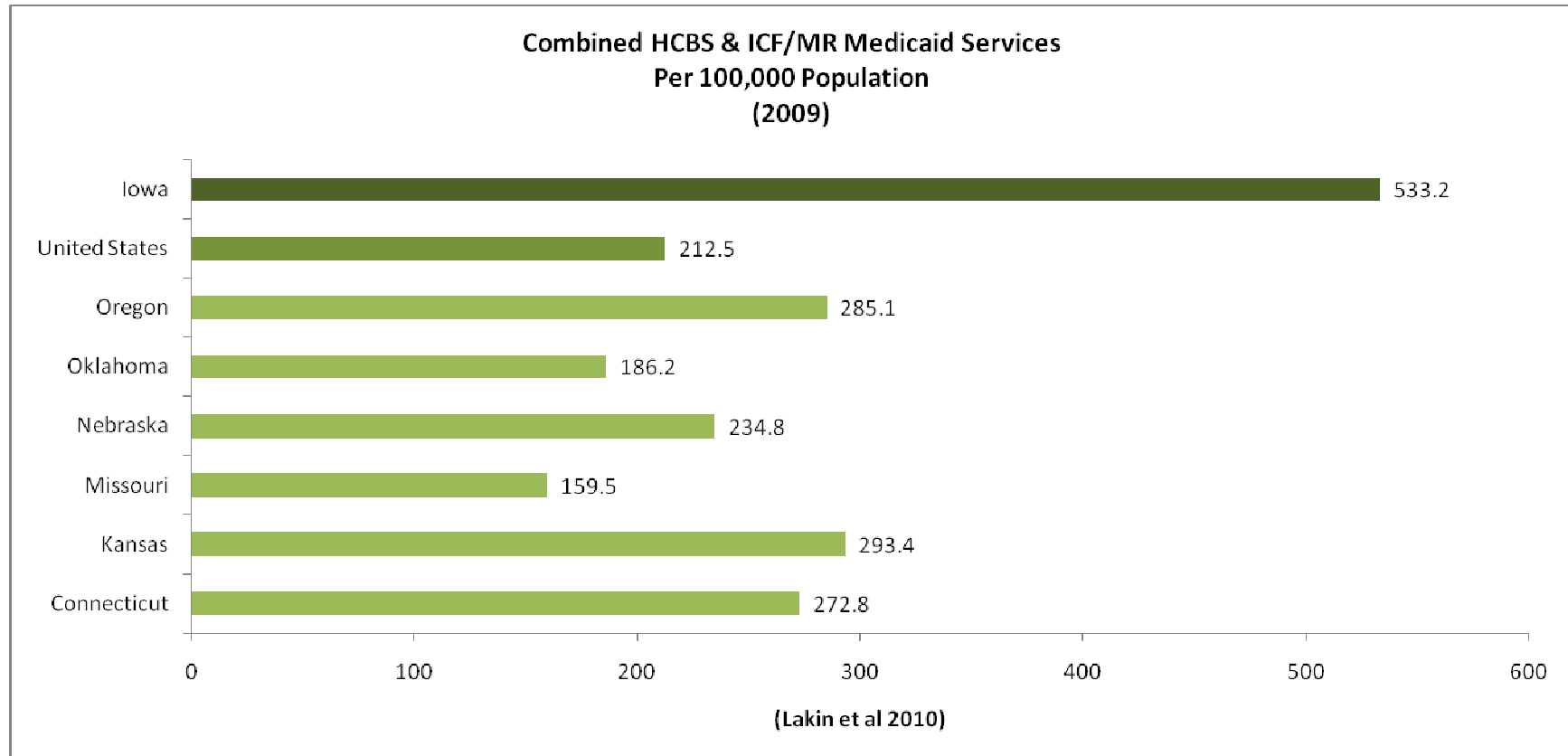
	Number Served	Total Dollars	Average Per Person
<u>HCBS Waiver (s)</u>			
<i>Home and Community Based Intellectual Disabilities Waiver</i>	11,083	\$ 303,084,159.12	\$ 27,346.76
<i>Other waivers with individuals with IDD</i>	2,900	\$ 20,587,120.00	\$ 7,099.01
Sub-total	13,983	\$ 323,671,279.12	\$ 23,147.48
<u>ICF/MR</u>			
<i>Public ICF/MR</i>	528	\$ 114,668,400.00	\$ 217,175.00
<i>Private ICF/MR</i>	1,528	\$ 190,705,372.00	\$ 124,807.18
Sub-total	2,056	\$ 305,373,772.00	\$ 148,528.10
<u>Combined Total</u>	<u>16,039</u>	<u>\$ 629,045,051.12</u>	<u>\$ 39,219.71</u>

¹ US Census Bureau

² MERIC

³ US Census Bureau

Focus Area 1: Individuals Receiving Medicaid-Funded Services



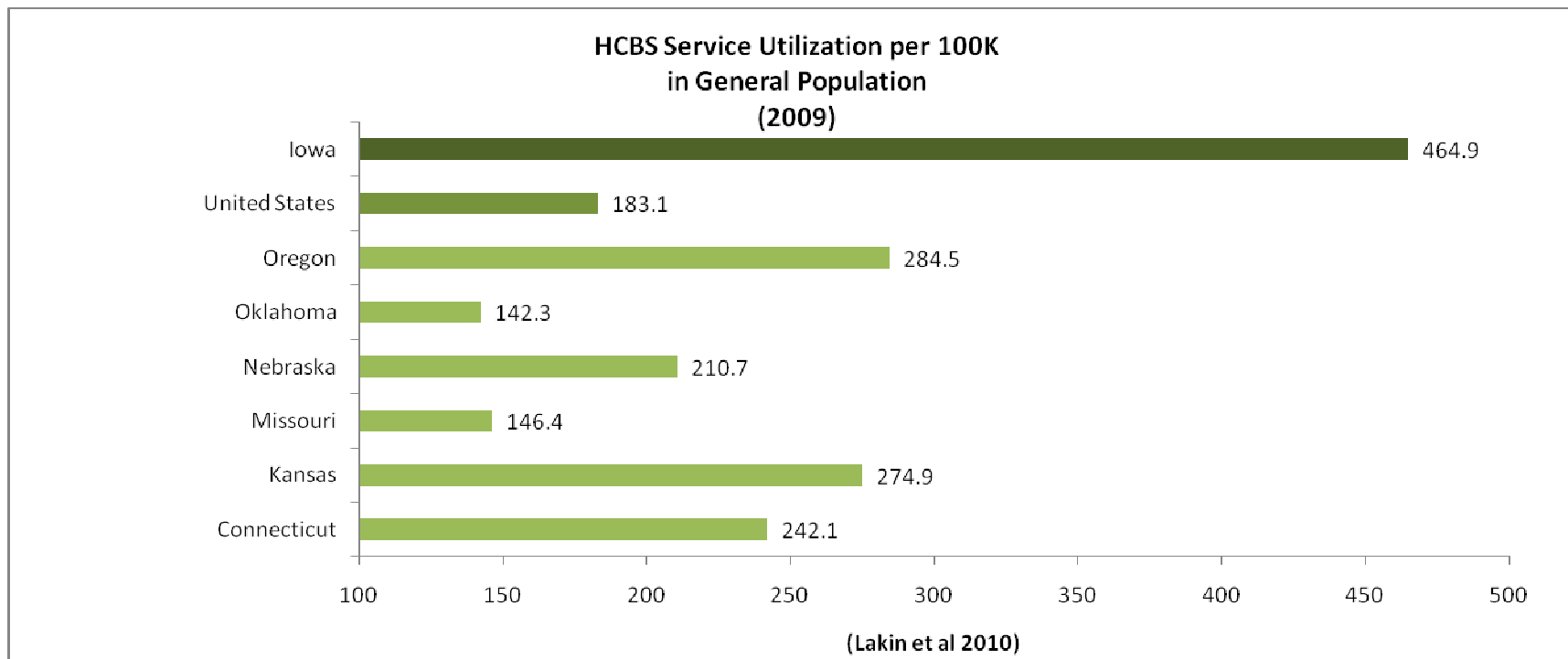
In Focus:

During 2009, the national average for providing services to individuals with intellectual disabilities through Home and Community Based waivers services (HCBS) and Intermediate Care Facilities for the Mentally Retarded (ICF/MR) was 212.5 individuals per 100,000 in general population.

In Iowa, services were rendered at a higher utilization rate of 533.2 individuals per 100,000 or 2.5 times higher than the national average.

Amongst the comparison states, utilization ranged from 159.5 (MO) to 293.4 (KS).

Focus Area 2: Individuals Receiving HCBS Waiver Services



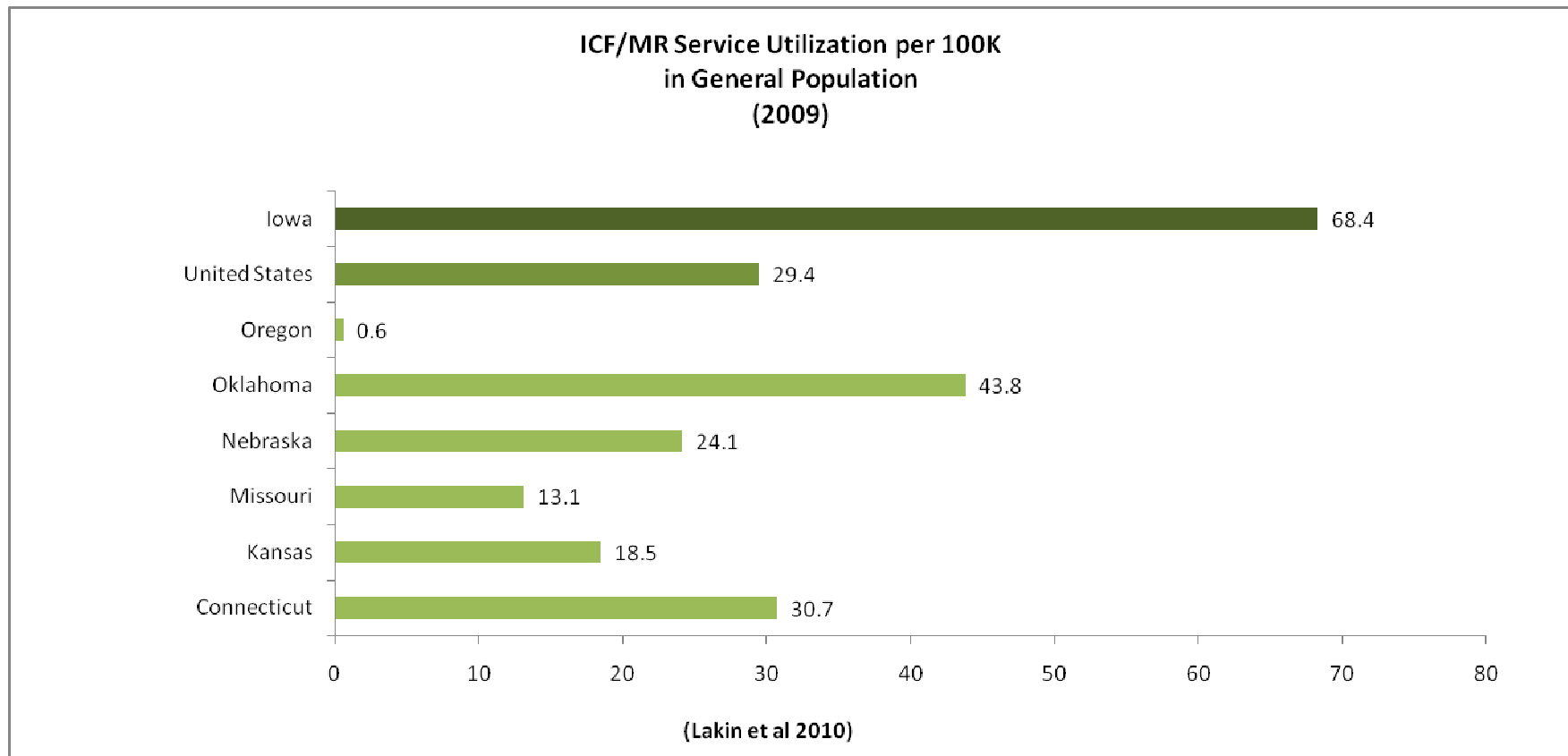
In Focus:

During 2009, the national average for providing services to individuals with developmental disabilities through Home and Community Based waivers services (HCBS) was 183.1 individuals per 100,000 in general population.

In Iowa, services were rendered at a higher utilization rate of 464.9 individuals per 100,000 or just over 1.5 times higher than the national average.

Amongst the comparison states, utilization ranged from 142.3 (OK) to 284.5 (OR).

Focus Area 3: Individuals Receiving ICF/MR Services



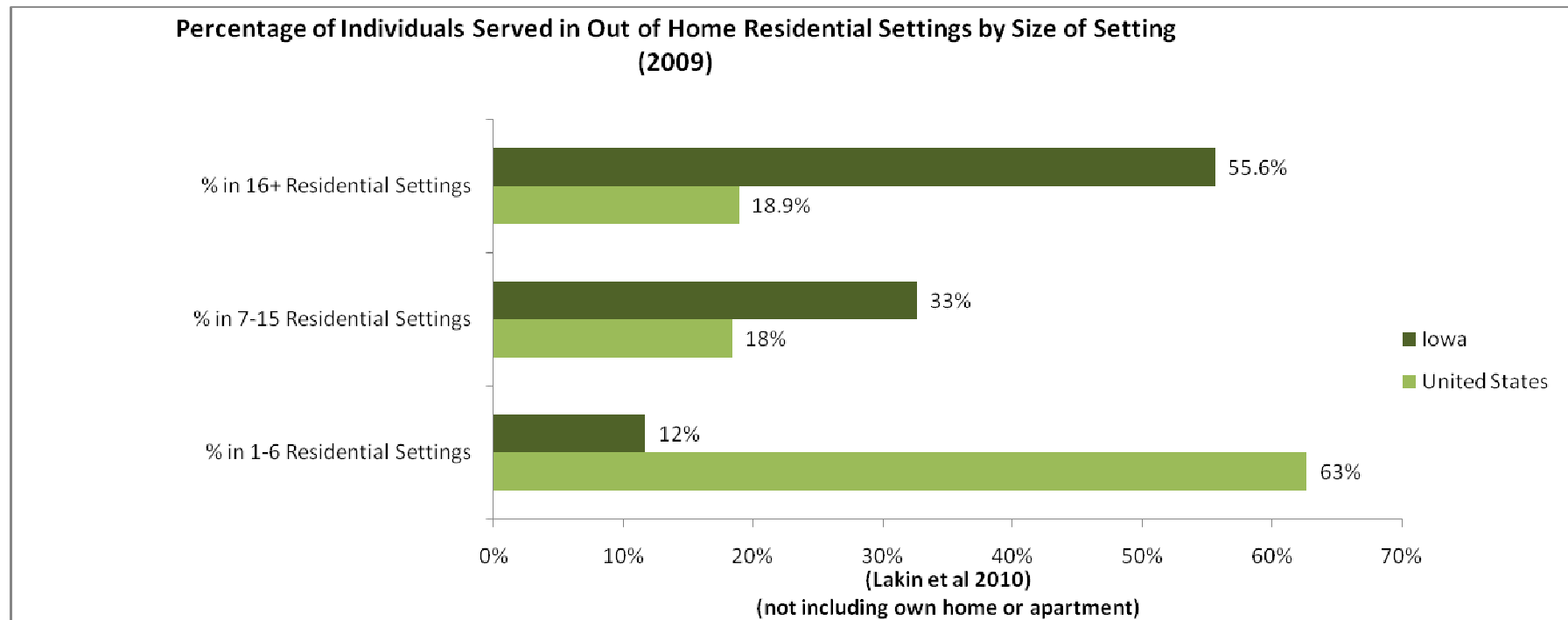
In Focus:

During 2009, the national average for providing services to individuals with intellectual disabilities through services in Intermediate Care Facilities for the Mentally Retarded (ICF/MR) was 29.4 individuals per 100,000 in general population.

In Iowa, services were rendered at a higher utilization rate of 68.4 individuals per 100,000 or just over 2.3 times higher.

Amongst the comparison states, utilization ranged from 0.6 (OR) to 43.8 (OK).

Focus Area 4: Percentage of Individuals Receiving Services in Provider Operated Out of Home Residential Settings by Size of Setting

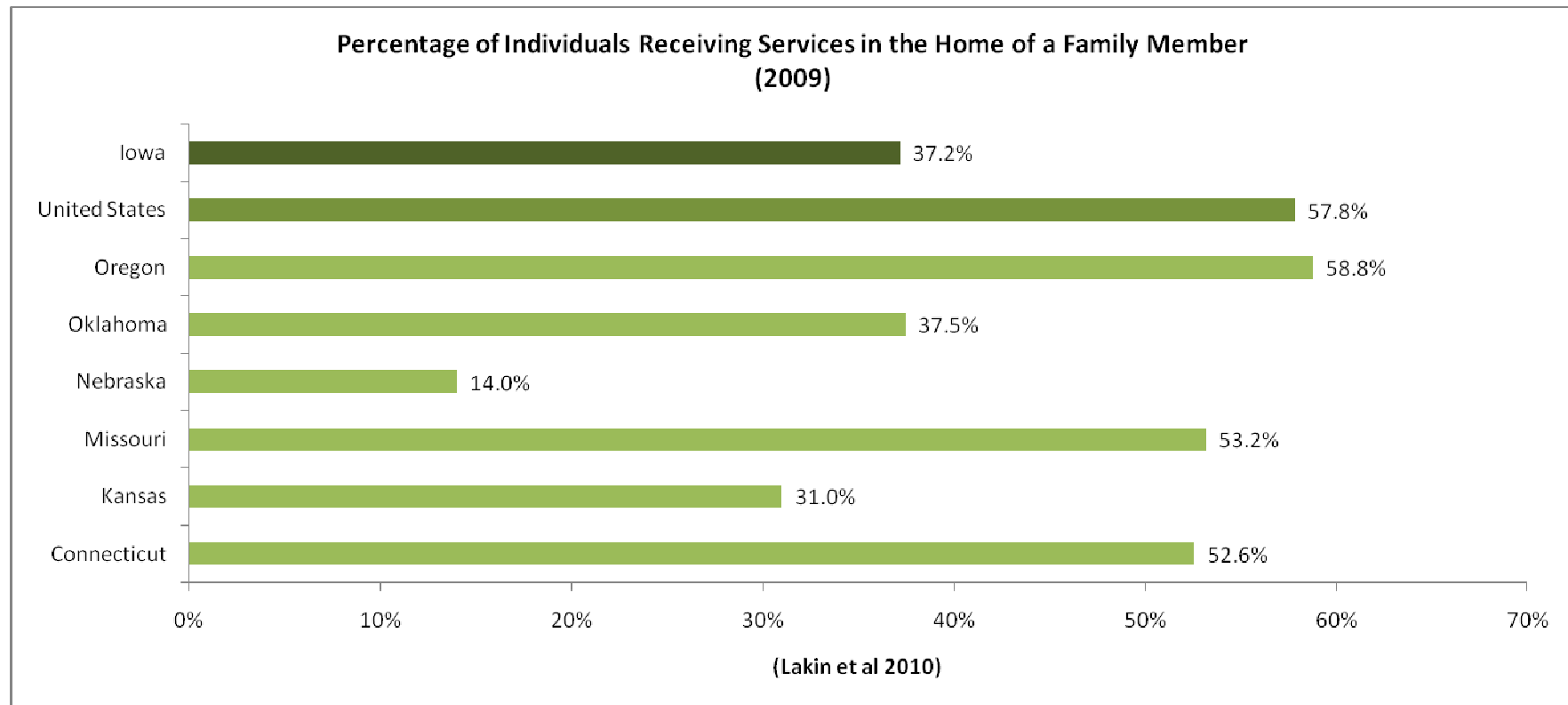


In Focus:

During 2009, nationally, the majority of individuals receiving residential services in provider-operated out-of-home residential settings resided in homes of 6 or fewer persons (63%). Roughly 37% of individuals received residential services in homes of 7 or more people.

In Iowa, during 2009, 12% of individuals receiving residential services lived in homes of 6 or fewer. The remaining 88% of service recipients lived in homes of 7 or more people, with the majority of those individuals (55.6%) in 16+ settings.

Focus Area 5: Percentage of Individuals Receiving Services in the Home of a Family Member



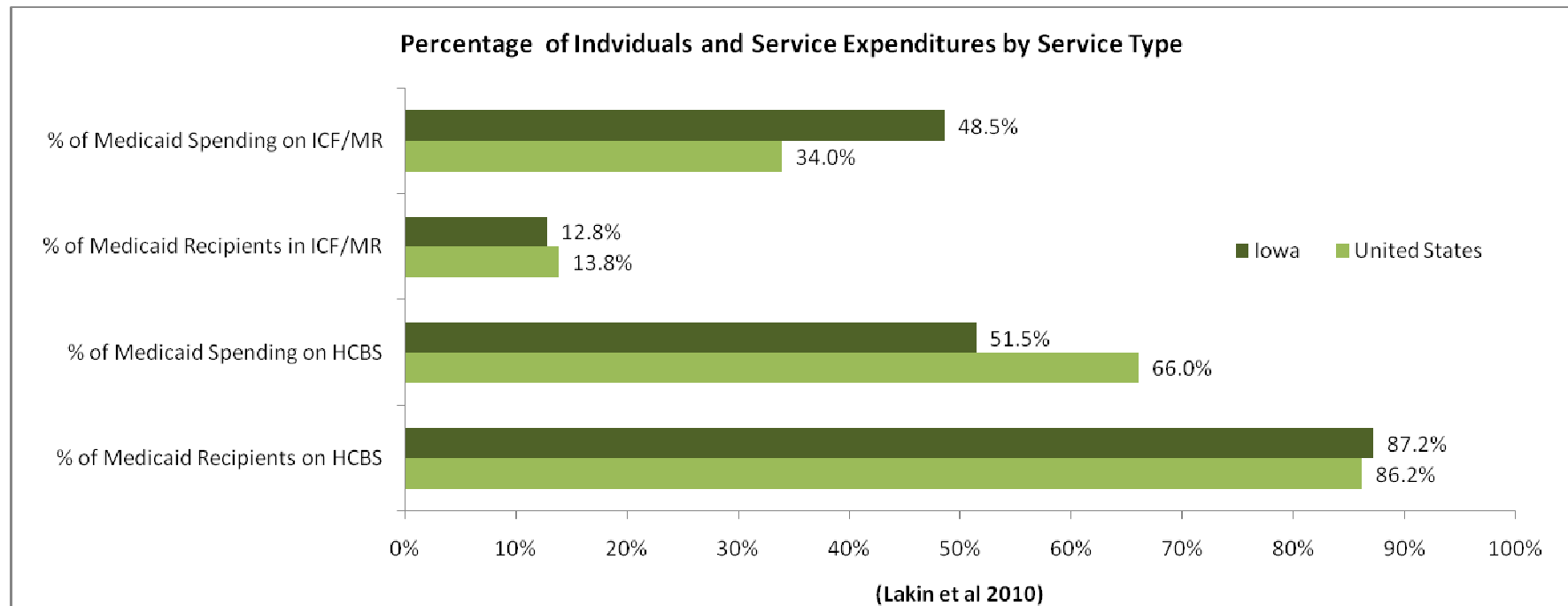
In Focus:

During 2009, the national average for providing services to individuals with intellectual disabilities while living in the home of a family member was 57.8% of all individuals receiving residential services.

In Iowa, 37.2% of service recipients received services in the home of a family member, or 20.6% below the national average.

Amongst the comparison states, utilization ranged from 14% (NE) to 58.8% (OR).

Focus Area 6: Percentage of Individuals and Service Expenditures by Service Type



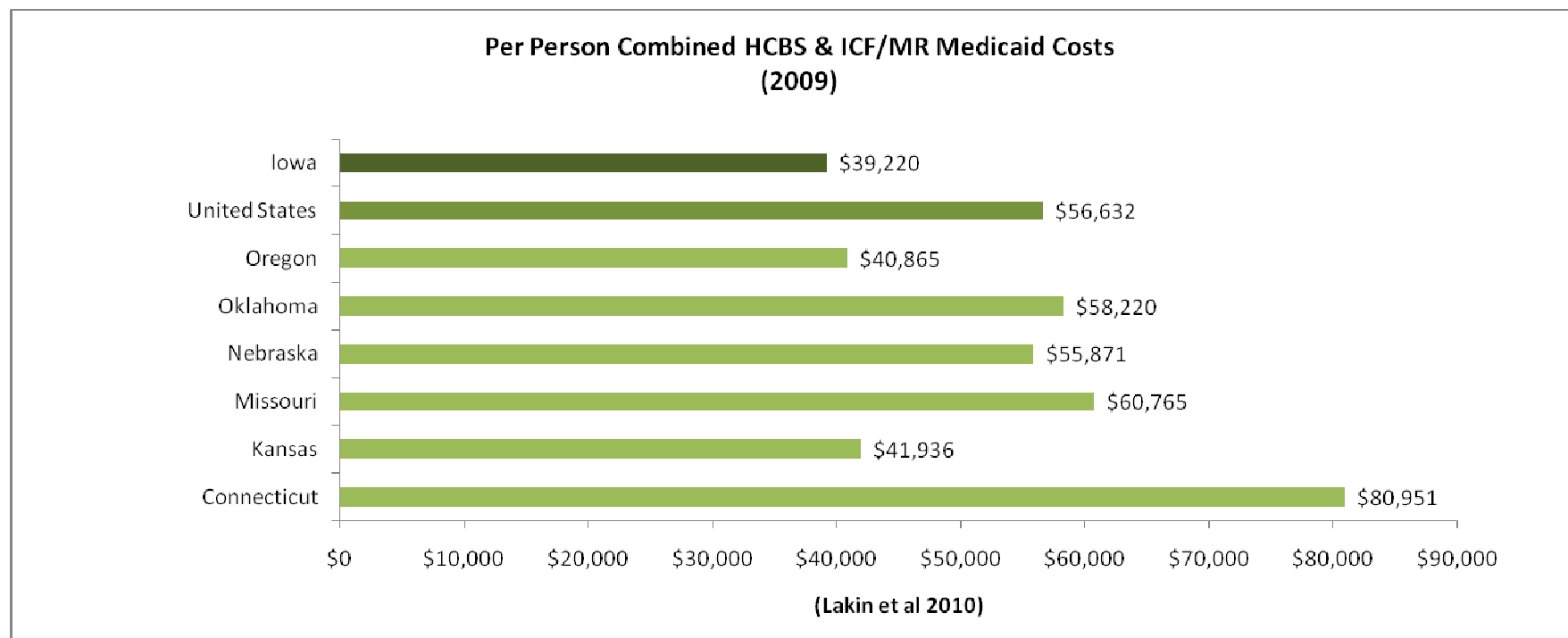
In Focus:

During 2009, nationally, 13.8% of residential services for individuals with intellectual disabilities were provided through ICFs/MR and 34% of total expenditures were allocated to these services. At the same time, 86.2% of services were provided through the HCBS waiver program with 66% of funding allocated to these services. In Iowa, 12.8% of service recipients received services through ICFs/MR with 48.5% of expenditures being allocated to these services. At the same time, 87.2% of services were provided through the HCBS waiver program with 51.5% of expenditures allocated to these services.

This data shows that nearly half of Iowa's expenditures for HCBS and ICF/MR services are being utilized by 12.8% of the service population. The other half of the allocated expenditures are being used to provide services to 86.7% of the service recipients.

*The percentages for ICF/MR services includes both public and private ICFs/MR.

Focus Area 7: Average Annual Combined Per Person HCBS & ICF/MR Annual Cost



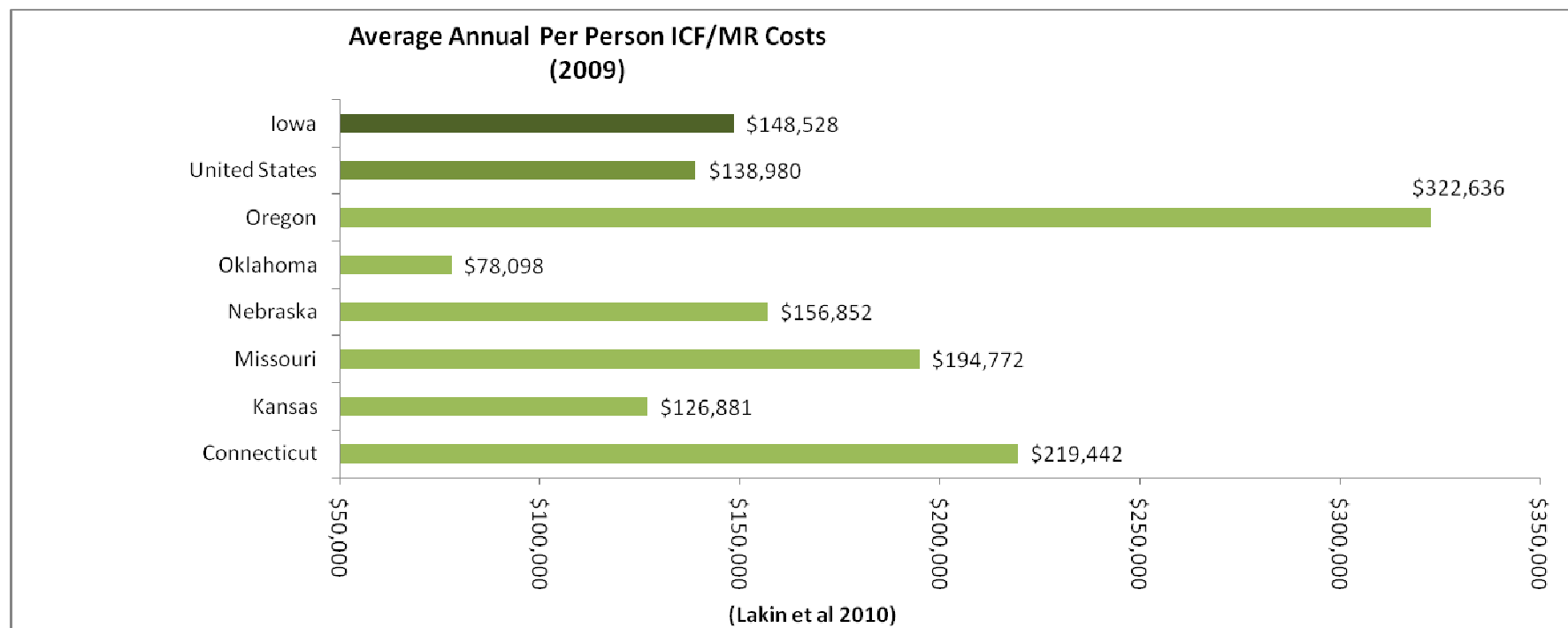
In Focus:

During Fiscal Year (FY) 2009, the national average combined annual expenditure for all individuals receiving HCBS or ICF/MR services was \$56,632 per person.

In Iowa, during FY 2009 the average combined annual expenditure was \$39,220 per person. This amounts to \$17,412 per person below the national average, or roughly 44%.

*The average cost for ICFs/MR includes public and private ICFs/MR costs.

Focus Area 8: Average Annual Per Person ICF/MR Costs



In Focus:

During FY 2009, the national average annual per person cost for providing services to individuals with intellectual disabilities while living in ICFs/MR settings was \$138,980.

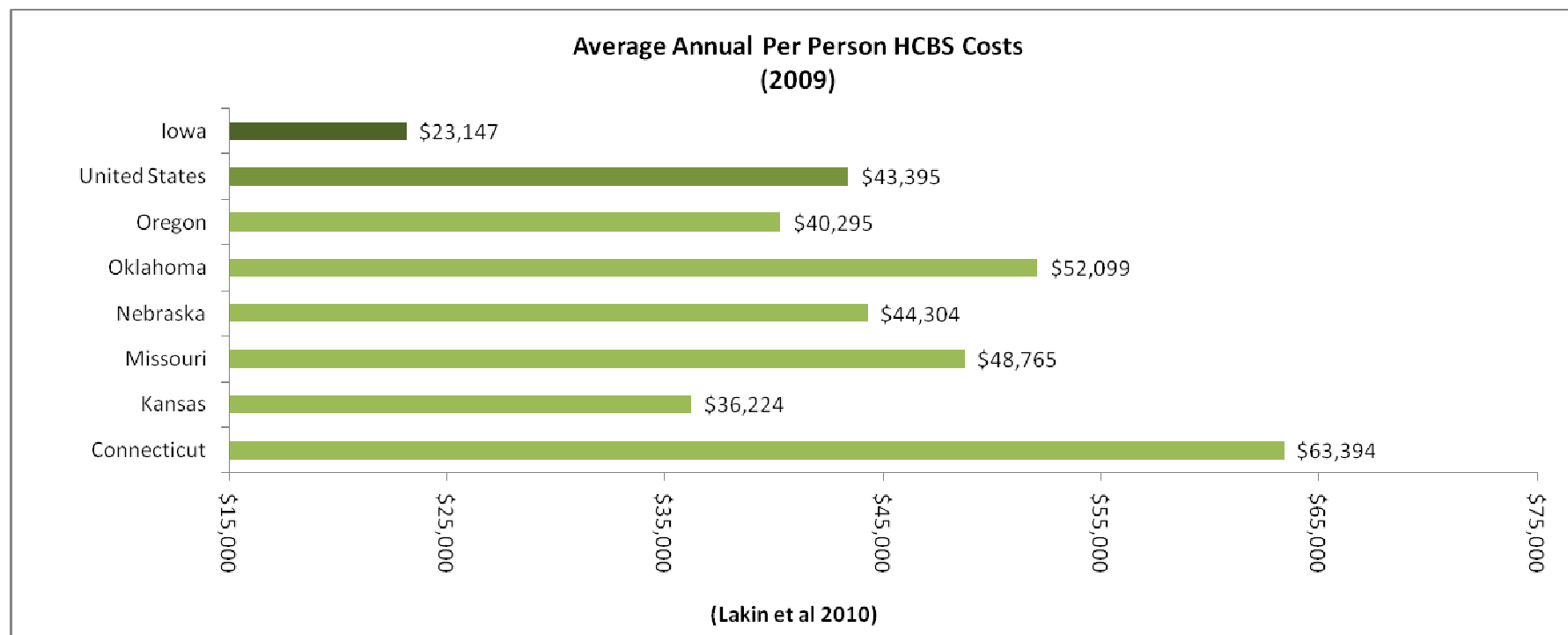
In Iowa, the average annual cost was \$148,528. This was \$9,548 more per person than the national average, or 6.8% higher.

Amongst the comparison states, average costs ranged from \$78,098 (OK) to \$322,636 (OR**).

*The average cost includes public and private ICFs/MR costs.

**In FY 2009, Oregon only had 22 individuals in ICFs/MR.

Focus Area 9: Average Annual Per Person HCBS Costs



In Focus:

During FY 2009, the national average annual per person cost for providing services to individuals with intellectual disabilities under the HCBS waiver program was \$43,395.

In Iowa, the average annual cost was \$23,147. This was \$20,248 less per person than the national average, or roughly 53% of the national average.

Focus Area 10: Total Medicaid and Long-Term Care Expenditures

All Medicaid Expenditures		
	Iowa	United States
Total HCBS Expenditures	\$323,671,279	\$24,713,245,299
Total ICF/MR Expenditures	\$305,373,772	\$12,556,566,129
Total Combined HCBS + ICF Expenditures	\$629,045,051	\$37,269,811,428

Total Medicaid Expenditures	\$2,959,346,068	\$360,927,535,512
Total Medicaid Long-Term Care Expenditures	\$1,298,260,032	\$114,080,193,960

Total Combined HCBS + ICF Expenditures as % of Total Medicaid Long-Term Care Expenditures	48%	33%
Total Combined HCBS + ICF Expenditures as % of Total Medicaid Expenditures	21%	10%

In Focus:

Nationally, combined spending for intellectual disability HCBS and ICFs/MR services amounted to 33% of the total Medicaid Long-Term Care Expenditures. In Iowa, it amounted to 48% of spending, or 15% higher than the national average.

Regarding **total** Medicaid spending, the proportions spent on HCBS and ICFs/MR services nationally was 10% and 21% in Iowa, or 11% above the national average.

In both comparisons, intellectual disabilities spending in Iowa utilized a higher portion of long-term care and total Medicaid spending than the national average.